SEQUENCE LISTING

<110> Paul B. Fisher
      Rahul V. Gopalkrishnan

<120> Anti-tumor Effects of Prostate Carcinoma
   Tumor Antigen-1

<130> A34694-A-PCT-USA-A

<140> To Be Assigned
<141> 2004-03-08

<150> PCT/US02/28587
<151> 2002-09-06

<150> 09/948,227
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<212> DNA
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            20                  25                  30
Ile Val Ile Arg Gly His Val Pro Ser Asp Ala Asp Arg Phe Gln Val
        35                  40                  45
Asp Leu Gln Asn Gly Ser Ser Val Lys Pro Arg Ala Asp Val Ala Phe
    50                  55                  60
His Phe Asn Pro Arg Phe Lys Arg Ala Gly Cys Ile Val Cys Asn Thr
65                  70                  75                  80
Leu Ile Asn Glu Lys Trp Gly Arg Glu Glu Ile Thr Tyr Asp Thr Pro
                85                  90                  95
Phe Lys Arg Glu Lys Ser Phe Glu Ile Val Ile Met Val Leu Lys Asp
                100                 105                 110
Lys Phe Gln Val Ala Val Asn Gly Lys His Thr Leu Leu Tyr Gly His
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Arg Ile Gly Pro Glu Lys Ile Asp Thr Leu Gly Ile Tyr Gly Lys Val
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Gln Ala Ser Ser Leu Glu Leu Thr Glu Ile Val Arg Glu Asn Val Pro
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Lys Ser Gly Thr Pro Gln Leu Ser Leu Pro Phe Ala Ala Arg Leu Asn
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Thr Pro Met Gly Pro Gly Arg Thr Val Val Val Gln Gly Glu Val Asn
                    195                      200                      205
Ala Asn Ala Lys Ser Phe Asn Val Asp Leu Leu Ala Gly Lys Ser Lys
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Asp Ile Ala Leu His Leu Asn Pro Arg Leu Asn Ile Lys Ala Phe Val
225                      230                      235                      240
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Thr Ser Phe Pro Phe Ser Pro Gly Met Tyr Phe Glu Met Ile Ile Tyr
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Cys Asp Val Arg Glu Phe Lys Val Ala Val Asn Gly Val His Ser Leu
                    275                      280                      285
Glu Tyr Lys His Arg Phe Lys Glu Leu Ser Ser Ile Asp Thr Leu Glu
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Ile Asn Gly Asp Ile His Leu Leu Glu Val Arg Ser Trp
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<211> 131
<212> PRT
<213> homo sapiens

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Leu Ala Gly Lys Ser Lys Asp Ile Ala Leu His Leu Asn Pro Arg Leu
               35                      40                      45
Asn Ile Lys Ala Phe Val Arg Asn Ser Phe Leu Gln Glu Ser Trp Gly
     50                      55                      60
Glu Glu Glu Arg Asn Ile Thr Ser Phe Pro Phe Ser Pro Gly Met Tyr
65                      70                      75                      80
Phe Glu Met Ile Ile Tyr Cys Asp Val Arg Glu Phe Lys Val Ala Val
                    85                      90                      95
Asn Gly Val His Ser Leu Glu Tyr Lys His Arg Phe Lys Glu Leu Ser
                    100                     105                     110
Ser Ile Asp Thr Leu Glu Ile Asn Gly Asp Ile His Leu Leu Glu Val
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Arg Ser Trp
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            20                  25                  30
Ile Val Ile Arg Gly His Val Pro Ser Asp Ala Asp Arg Phe Gln Val
            35                  40                  45
Asp Leu Gln Asn Gly Ser Ser Val Lys Pro Arg Ala Asp Val Ala Phe
    50                  55                  60
His Phe Asn Pro Arg Phe Lys Arg Ala Gly Cys Ile Val Cys Asn Thr
65                  70                  75                  80
Leu Ile Asn Glu Lys Trp Gly Arg Glu Glu Ile Thr Tyr Asp Thr Pro
                85                  90                  95
Phe Lys Arg Glu Lys Ser Phe Glu Ile Val Ile Met Val Leu Lys Asp
            100                 105                 110
Lys Phe Gln Val Ala Val Asn Gly Lys His Thr Leu Leu Tyr Gly His
            115                 120                 125
Arg Ile Gly Pro Glu Lys Ile Asp Thr Leu Gly Ile Tyr Gly Lys Val
    130                 135                 140
Asn Ile His Ser Ile Gly Phe Ser Phe Ser Ser Asp Leu Gln Ser Thr
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Gln Ala Ser Ser Leu Glu Leu Thr Glu Ile Val Arg Glu Asn Val Pro
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Lys Ser Gly Thr Pro Gln Leu
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<213> homo sapiens

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Cys Asn Thr Leu Ile Asn Glu Lys Trp Gly Arg Glu Glu Ile Thr Tyr
                    35                      40                      45
Asp Thr Pro Phe Lys Arg Glu Lys Ser Phe Glu Ile Val Ile Met Val
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Leu Lys Asp Lys Phe Gln
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<213> homo sapiens

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            35                      40
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<213> homo sapiens

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<213> homo sapiens

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<212> PRT
<213> homo sapiens

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             20   25   30
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